



RRE0009913

ATLANTIC ENVIRONMENTAL SOLUTIONS, INC

September 22, 2014

Mr. Christopher DeBruyn
Estimating Executive
Gilbane Building Company
4814 Outlook Drive, Suite 100
Wall Township, New Jersey 07753

Re: *Limited Asbestos Hazard Survey Report*
NJ RREM Applicant ID: RRE0009913
Private Residence: 11 Raritan Avenue, Unit 3, Keansburg, New Jersey 07734
Property Owner: John Murray
Inspector: Darren Slack

Dear Mr. DeBruyn:

Atlantic Environmental Solutions, Inc. (AESI) was retained by Gilbane Building Company (Gilbane) to perform a limited inspection for Asbestos Containing Materials (ACM) at 11 Raritan Avenue, Unit 3, Keansburg, New Jersey. The inspection was conducted in conjunction with the residence's participation in the New Jersey Rehabilitation, Reconstruction, Elevation, and Mitigation (RREM) program.

The purpose of the asbestos hazard survey was to estimate the amount of, and to assess the condition of, the accessible materials containing asbestos (on the basis of laboratory analyses) in the area of the proposed rehabilitation or reconstruction (on the basis of Gilbane's property inspection). The quantities of the asbestos containing materials are not guaranteed and it is possible that asbestos may be present in any untested materials. It should be noted that the actual determination of required abatement can only be made once AESI is informed of the specific renovation plans designed for this site. Consequently, any findings/recommendations provided herein should be considered preliminary.

The limited asbestos survey was conducted on September 17, 2014. The limited asbestos survey and sampling was performed by a Licensed Asbestos Inspector certified by the Environmental Protection Agency (EPA) to conduct inspections of buildings for the presence of ACM. All sampling and analyses were conducted by personnel and/or entities maintaining the appropriate licenses and certifications required in connection with inspections of buildings for the presence of asbestos containing materials (ACM).

During the walk through of the area, several materials were identified as presumed asbestos containing materials (PACM). Six (6) bulk samples were collected and analyzed for asbestos. All samples were analyzed utilizing Polarized Light Microscopy (PLM) Point Count method in accordance with the EPA "Interim Methods for the Determination of Asbestos in Bulk Samples" (EPA 600/R-93/116). All non-friable materials were analyzed via PLM-Non Organically Bound (PLM-NOB) method 198.6 and submitted for Transmission Electron Microscopy (TEM).

In summary, no samples collected from the residence contained greater than 1% asbestos. Please refer to the enclosed documents for further inspection details and laboratory analytical results.

Sincerely,



Jeffrey W. Anderson, CHMM
Vice President



Michael J. Novak
President

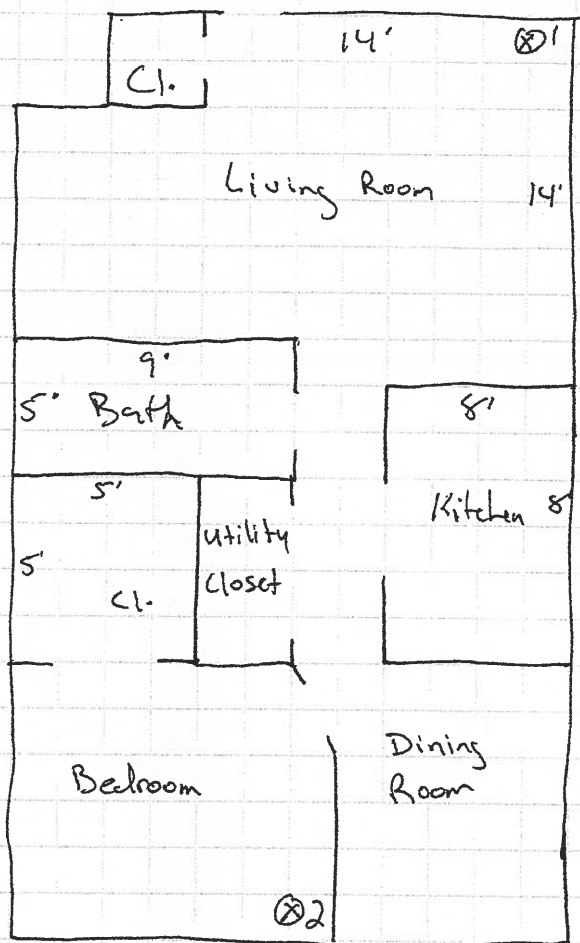


FIGURE

Site Plan

RRE0009913 – 11 Raritan Avenue, Unit 3
Keansburg, New Jersey 07734





9-17-14

RRE0009913

11 Rutland Ave, Apt. 3

Keansburg, NJ

Suspect ACM

- Sheetrock

⊗ = Asbestos Sample Location

- Structure Built in 1991
- No Lead Testing
- Roof is new Post Sandy
- No crawlspace or Attic
- All materials Removed upto 4'
- 2 Asbestos Samples taken

RRE0009913



TABLE 1

Summary of PACM/ACM



Table 1
Summary of PACM/ACM

NJ RREM Applicant ID: RRE0009913
11 Raritan Avenue, Unit 3, Keansburg, NJ

Sample No.	Test	Date	Description	Location	Type of Material	Friability	% Asbestos	Approximate Quantity	Condition	Recommendation
1-Drywall	PLM	9/17/14	Sheetrock	Living Room Wall	Sheetrock	Yes	None Detected	N/A	N/A	None
1-Joint Compound	PLM	9/17/14	Sheetrock	Living Room Wall	Sheetrock	No	None Detected	N/A	N/A	None
2-Texture	PLM	9/17/14	Sheetrock	Bedroom Wall	Sheetrock	No	None Detected	N/A	N/A	None
2-Tape	PLM	9/17/14	Sheetrock	Bedroom Wall	Sheetrock	Yes	None Detected	N/A	N/A	None
2-Joint Compound	PLM	9/17/14	Sheetrock	Bedroom Wall	Sheetrock	No	None Detected	N/A	N/A	None
2-Drywall	PLM	9/17/14	Sheetrock	Bedroom Wall	Sheetrock	No	None Detected	N/A	N/A	None

APPENDIX A

Laboratory Results

RRE0009913 – 11 Raritan Avenue, Unit 3
Keansburg, New Jersey 07734



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> cinnaslab@EMSL.com

EMSL Order: 041427244
CustomerID: AESI50
CustomerPO:
ProjectID: NJRREMA-GILBA

Attn: **Christine Lezette**
Atlantic Environmental Solutions, Inc.
5 Marine View Plaza
Suite 303
Hoboken, NJ 07030

Phone: (201) 876-9400
Fax: (201) 876-9563
Received: 09/18/14 9:10 AM
Analysis Date: 9/18/2014
Collected: 9/17/2014

Project: RRE0009913 / 11 Raritan Ave, Apt 3, Keansburg, NJ

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos	
			% Fibrous	% Non-Fibrous	% Type	
1-Drywall 041427244-0001	Living room wall - Sheetrock	Brown/White Fibrous Homogeneous	12% Cellulose	88% Non-fibrous (other)		None Detected
1-Joint Compound 041427244-0001A	Living room wall - Sheetrock	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
2-Texture 041427244-0002	Bedroom wall - Sheetrock	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
2-Tape 041427244-0002A	Bedroom wall - Sheetrock	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)		None Detected
2-Joint Compound 041427244-0002B	Bedroom wall - Sheetrock	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
2-Drywall 041427244-0002C	Bedroom wall - Sheetrock	Gray Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)		None Detected

Analyst(s)

Chelsey Bilhear (4)
Michael Garrity (2)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/19/2014 08:29:54

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041427244

EMSL ANALYTICAL, INC.
LABORATORY - 1000 ROUTE 100, SUITE 100, NEW JERSEY 07030

Company: ATLANTIC ENVIRONMENTAL		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 5 MARINE VIEW PLAZA, SUITE 203		Third Party Billing requires written authorization from third party	
City: HOBOKEN	State/Province: NJ	Zip/Postal Code: 07030	Country: USA
Report To (Name): CHRISTINE LEZETTE		Telephone #: 201-876-9400	
Email Address: CLEZETTE@SAFONOUS ENVIRONMENTAL.COM		Fax #: 201-876-9563	Purchase Order:
Project Name/Number: NJDE - GILBANE		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: NJ		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input checked="" type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM-Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Darren Slack		Samplers Signature: <i>Darren Slack</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	Sheetrock / Living Room wall		9-17-14 10 pm
2	" / Bedroom wall		11 SEP 18 AM 10:29 ↓ CINNAMENSON, NJ
Client Sample # (s): 1 - 2		Total # of Samples: 2	
Relinquished (Client): <i>Darren Slack</i>		Date: 9-17-14	Time: 5 pm
Received (Lab): FF FX EMSL		Date: 9/18/14	Time: 9/10
Comments/Special Instructions: RRE0009913, 11 Raritan Ave, Apt. 3, Keansburg NJ			

2-00

APPENDIX B

Certifications & Licenses

RRE0009913 – 11 Raritan Avenue, Unit 3
Keansburg, New Jersey 07734



McCabe Environmental & Occupational Training Institute

1 Madison Street, Building F, East Rutherford, NJ 07073 · Phone 201-438-4839 · Fax 201-438-1798

Certificate of Completion

This is to certify that

Darren Slack

Successfully completed the

AHERA/EPA Accredited Per 40 CFR Part 763 course entitled

1/2 Day Asbestos Building Inspector Refresher

This course meets requirements of TSCA Title II

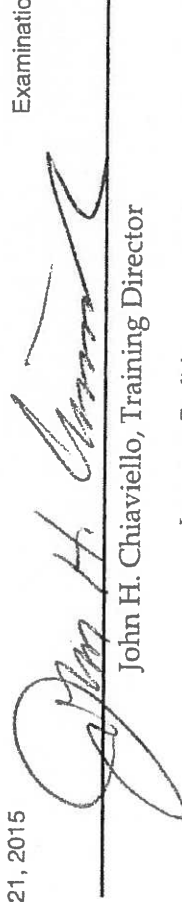
Course Date: March 21, 2014

Certificate Number: T-1021-2

Examination Date: N/A

Expiration Date: March 21, 2015

Examination Grade: N/A



John H. Chiaviello, Training Director

Language: English

www.mccabeenv.com

New Jersey Department of Health
Lead Identification Permit

DARREN G SLACK

Permit No.: 027037
ID No.: 018847
Expires: 11/12/2015

Authorization Signature: 
Joseph D. Hefriges, Jr., Director

Inspector/Risk Assessor

41078

National Asbestos & Environmental Training Institute

CERTIFICATE OF COMPLETION

AHERA/EPA Accredited Per 40 CFR Part 763
Asbestos Accreditation under TSCA Title II

This is to certify that

Michael J. Novak

Successfully completed the course entitled

**1/2-Day EPA/AHERA Asbestos Building Inspector Annual Refresher on
February 3, 2014**

Expiration Date on February 3, 2015


Doris L. Adler

President, NAETI

Per 10 NYCRR Part 73.2 (L) (1), DOH 2832 Certificate of Completion of Asbestos
Safety Training is the only official record of training for N.Y.S. students.

Language: English

ABIH 1/2 CM POINT

3321 Doris Avenue, Building B, Ocean, NJ 07712

Phone (732) 531-5571

Fax (732) 531-5956

www.naeti.com